

rako





MOOD • AMBIENCE • FUNCTION

Scene setting controls offer luxury, comfort and convenience in the hospitality and commercial sectors and are an integral part of today's smart homes. With control options ranging from keypads, remotes, tablets, smartphone apps and voice command, Rako provides the user with ultimate flexibility.



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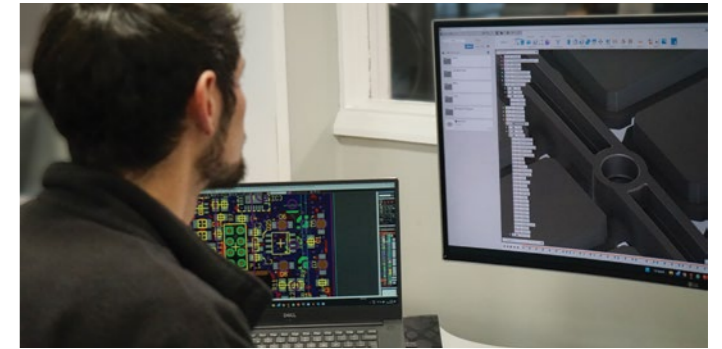
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Continually trying to improve our products and processes to be more sustainable.



WELCOME TO RAKO

DESIGNED AND MANUFACTURED IN THE UK

Established more than 20 years ago, with a wealth of experience in lighting controls, Rako was at the forefront of bringing wireless lighting controls to residential properties and luxury developments. With exceptional customer service and technical expertise at its core, Rako has become the go-to provider for new developments and technological advancements in lighting controls.

Designed and manufactured in the UK at Rako's ISO9001 facility in Sittingbourne, the products are made to exacting standards with this proximity allowing Rako to have close control of production SKUs and stock.

Today, Rako offers an unparalleled range of products backed by a project planning and support service that is second to none.



“We realise that planning a project can be confusing, especially with the vast array of lamp types and fittings available. With a hugely experienced support team and a network of trained dealers, there’s always someone able and willing to help.”

Rako lighting controls make the smart home dream a reality and can equally be applied to other applications. Office, meeting and conference facilities take on a more professional image with moods for presentations and meetings. The atmosphere in bars and restaurants can be subtly changed, enhancing the customer experience with smooth fading, reducing the impact and intrusion of cumbersome switching. Scene changes can be easily selected by staff or automatically from repeatable timed events. Hotel bedrooms have added sophistication, guests can have a little extra luxury whilst dining and public areas benefit from a more relaxing feel with scenes becoming more intimate as the evening progresses.

Images shown on this page: from a private residential property in Dulwich, London, UK. Opposite: from a private residential property in Iver, Buckinghamshire, UK. Images courtesy of NoonLighting – noonlightingdesign.co.



A LIGHTING CONTROL SYSTEM LIKE RAKO ALLOWS YOU TO CREATE THE PERFECT ENVIRONMENT BY ADJUSTING MULTIPLE LIGHTING CIRCUITS AS WELL AS WINDOW SHADING TREATMENTS, WITH JUST ONE BUTTON PRESS.



WHAT IS SCENE SETTING?

Mood lighting systems offer the user the ability to recall a scene, or mood of lighting, at the touch of a button, a swipe of a smartphone or by voice command, whilst controlling multiple circuits or lamp types.

Scene lighting has long been used in the commercial environment to create appealing lighting in areas such as restaurants, conference facilities and boardrooms. Gaining its name from the theatre where complex lighting changes are needed for each scene, it allows a lighting mood to be recalled by pressing one button rather than adjusting several rotary knob type dimmers. Applied to home use, a Rako lighting control system allows a number of circuits to be controlled from a single button enabling the user to select the appropriate 'mood' of lighting for the task in hand (even if that's watching TV) with all the lighting in the room adjusting to the preferred, pre-programmed setting.

There are several reasons why scene-setting is desirable. Most lighting settings are quite repeatable. So why not just press a button to get that setting? For rooms where there are multiple circuits of

lighting, a single keypad avoids the need for lots of individual rotary dimmers that all need adjusting before the correct settings are obtained. If those multiple circuits are quite different lighting types, e.g. mains voltage downlights and low voltage LED tape, then the dimmers required for these might well use quite different dimming techniques, and may not be available in matching styles. With a scene-setting system like Rako, the dimmer packs are remote units and can therefore be specific to the lamp types in question.

Creating effective mood lighting goes hand in hand with good lighting. A good lighting design creates interest and highlights features in a room. A flat, even lighting is fine for task lighting but cosy, mood lighting is best achieved by being able to create pockets of light. This takes a combination of design and control.

Scan this QR Code to watch our whole house video to learn more.





CIRCADIAN RHYTHM

We are seeing an increasing awareness around human health and well-being, which is likely to drive growth in human-centric lighting for the home.

The advertised sleep and health benefits of circadian lighting have created excitement within the residential, hospitality and commercial markets. This has driven investment in technology, including lighting control, that can deliver the comfort and convenience that people now see they would like. The ability for a control system to adjust colour temperature is of course, dependent on the availability of high quality, tunable white fittings. With the Rako app, you can control the colour temperature of your space by simply adjusting the slider to reach the perfect setting.

ADJUST COLOUR TEMPERATURE TO BOOST ENERGY LEVELS DURING THE DAY OR CREATE A CALMING LIGHT LEVEL TO RELAX BEFORE SLEEP.

WHY USE A LIGHTING CONTROL SYSTEM?

Dimming lamps has always saved energy and in an increasingly energy conscious world this is ever more important. Technological changes have led to a rapid growth in the lamp types available for use, with energy efficient light sources such as LEDs requiring more sophisticated dimming solutions than conventional tungsten. As a result, dimming controls need to be more advanced and well matched to the chosen lamps. Rako is at the forefront of providing smooth, efficient solutions for the latest fittings available and publishes compatibility guides to help designers and specifiers.

With a lighting control system like Rako, comfort and convenience can be incorporated into everyday life. Create a 'Welcome' scene or 'Pathways of light' upon arrival or turn the whole house off from the bedside or when leaving the property.

A lighting control system can also provide an additional layer of security for residential properties. With automated lighting, curtains and blinds together with timed or 'holiday mode' functions enabled, the impression of occupancy can be created. With static curtains and unlit homes being one of the biggest tell-tale signs to would-be intruders, this provides invaluable security. In addition, linking fire and burglar systems to lighting gives the comfort that if the worst happens, home-owners are not left in the dark with either a fire or an unwelcome guest.

Images shown: (From left to right) The Langley, Buckinghamshire (Images courtesy of James Balston Photography – jamesbalston.com and dpa lighting consultants – dpalighting.com). Private residence, South East London (Images courtesy of Simone Adler Lighting Design and Gavriil Papadiotis – gavriillux.com).



USER INTERFACES

BE IN CONTROL

Rako keypads come in a wide range of styles, to suit installation method, finish and fixing options. Modular and Classic keypads are available in multiple button configurations as standard whilst EOS keypads offer a sleek, all metal interface. Custom engraved buttons are available across all keypad ranges.

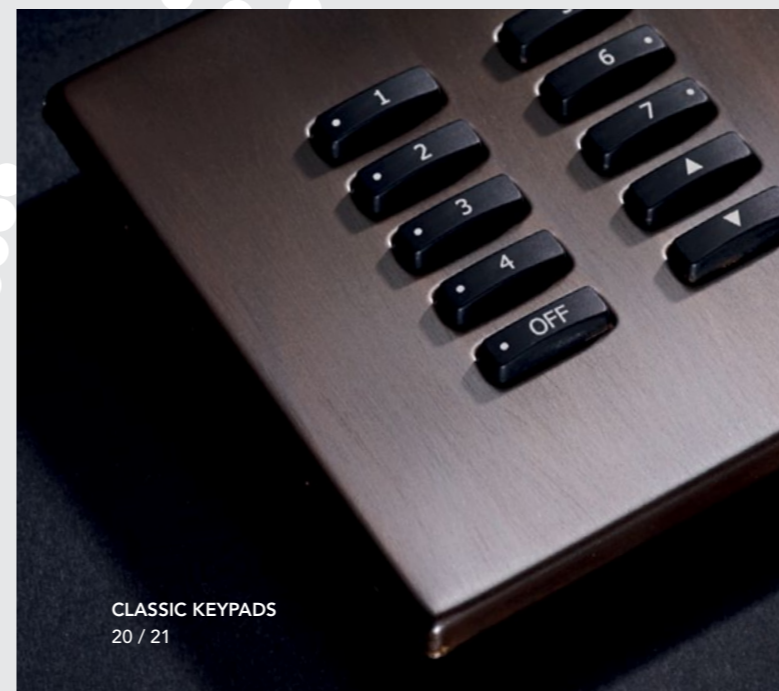
Control Rako from a smartphone too – connected via a Rako Hub, the Rako app provides the ultimate in flexible control of the Rako lighting system from local area network or anywhere in the world via the internet. Select rooms and control individual channels with the on screen sliders. Save changes to a desired scene, close curtains whilst away from home, or select a welcome scene upon return.



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MODULAR KEYPADS



A CONTEMPORARY RANGE OFFERING MULTIPLE BUTTON CONFIGURATIONS

Capable of accommodating up to 12 push buttons in a variety of lighting, shading and audio control configurations, the Modular keypad range offers unrivalled customisation and a premium finish to suit different application requirements.

The Modular keypad features three different button sizes which can be combined in multiple ways to create custom button layouts, perfectly tailored to an installation. Each keypad is designed to offer a premium quality aesthetic with the user experience optimised by a comforting, robust and tactile button press.

Wired and Wireless Modular keypads are available in eleven standard button configurations with custom layouts and engraving available to order via our Plate Designer tool. Modular keypads are available with a choice seven hand-finished metal surrounds.

Designed to be flush mounted into a UK, single gang back box, installation and set-up is simple using Rako's Rasoft Pro software and NFC for wireless keypads. Rako's wireless NFC keypads are battery powered which negates the need to run cabling to the keypad or backbox.

“Keypad flexibility is important for lighting designers, electricians and integrators. Modular keypads are designed to offer that high degree of versatility, including a choice of control options, and they're built with a quality and finish that sets them apart from the competition.”

Peter Broome, Director, Rako Controls Ltd

TECHNICAL OVERVIEW

DIMENSIONS

88 x 88 x 6mm
(in line with standard UK electrical accessories)

FINISHES

Screwless fitting
7 surround finishes

CUSTOMISABLE

3 different button sizes
11 standard button configurations
Custom engraving available via Rako's online Plate Designer tool: rakocontrols.com/platedesigner

TYPES OF COMMUNICATION

Supports Wired & Wireless Systems

Images shown: (Far left) Eight scene Modular keypad shown with Satin Chrome surround. (Above) Four scene Modular keypad with custom Sonos Audio control and Matt Bronze surround.

RAKOCONTROLS.COM/MODULAR-PLATE



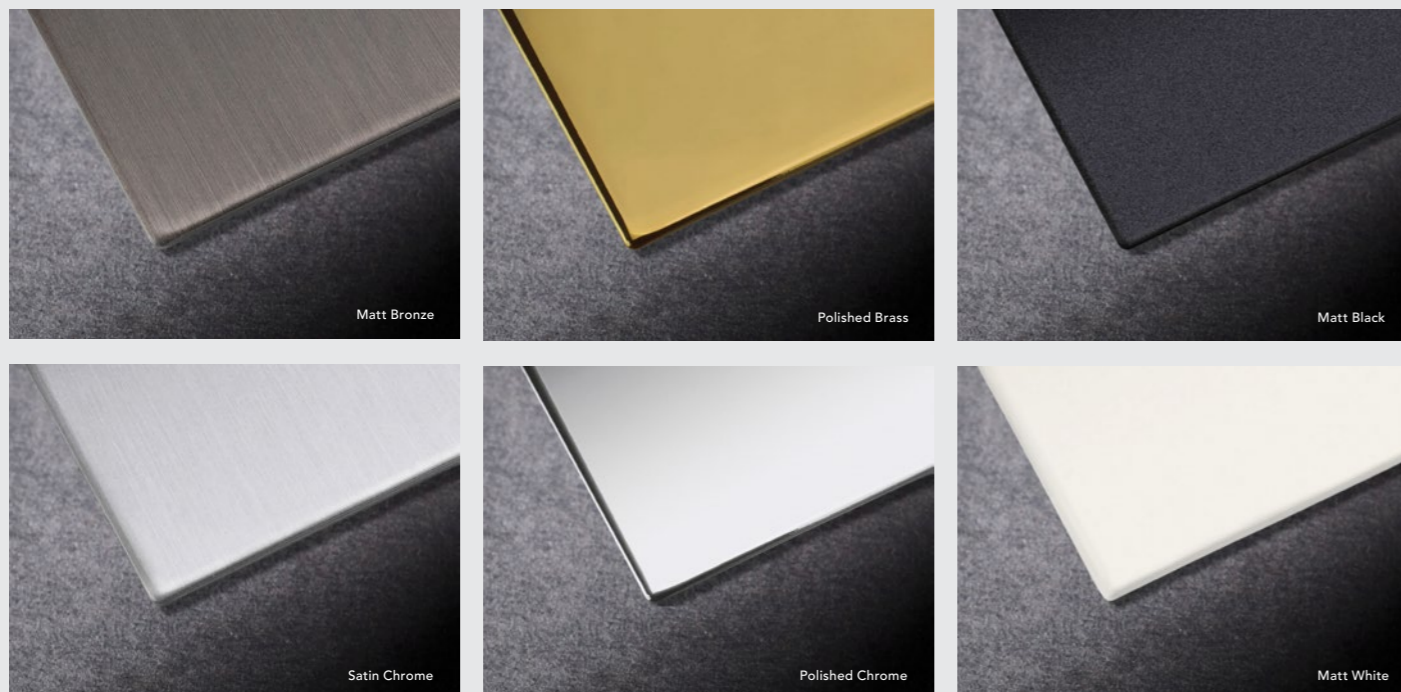
KEYPAD FINISHES

Modular keypads are available as a screwless fixing with seven, hand finished metal surrounds.

[RAKOCONTROLS.COM/FINISHES](https://www.rakocontrols.com/finishes)

Finishes replicated here are only an illustration of actual surround finishes.

Antique Brass



Matt Bronze

Polished Brass

Matt Black

Satin Chrome

Polished Chrome

Matt White

OUR MOST CUSTOMISABLE KEYPAD YET

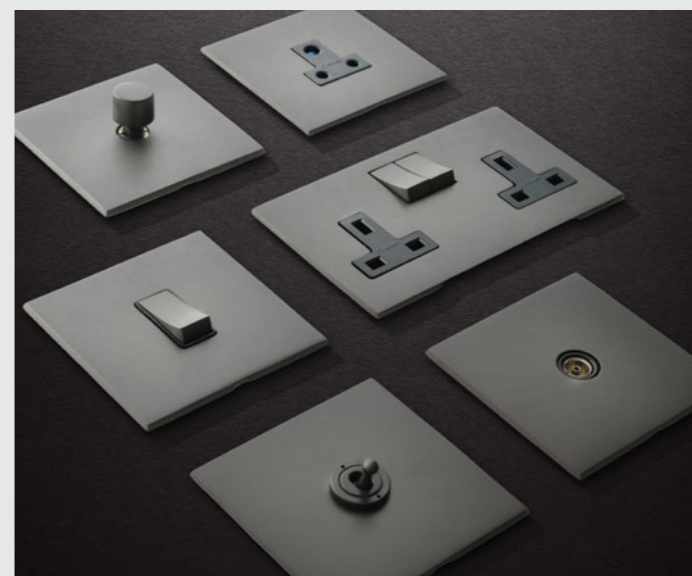
Modular keypads offer a range of standard button configurations with custom button etching available to order. Choose from:

- Wired or Wireless configuration
- Number of buttons from 4 to 12
- Plate surround
- Custom etched buttons created via our Plate Designer tool

[RAKOCONTROLS.COM/PLATEDESIGNER](https://www.rakocontrols.com/platedesigner)



Custom engraved Modular keypad shown with Satin Chrome surround.



MATCHING ACCESSORIES

A range of Heritage Brass accessories are available to match Modular keypad finishes. These include:

- Plug sockets
- Door handles
- Bathroom accessories

For electrical sockets and accessories, select Heritage Brass 'Winchester range' on [M-MARCUS.COM](https://www.m-marcus.com)




EOS KEYPADS



Finishes replicated here are only an illustration of actual plate finishes.

TECHNICAL OVERVIEW

DIMENSIONS

88 x 88 x 3mm
(in line with standard UK
electrical accessories)

FINISHES

Screwless fixing
7 plate finishes

CUSTOMISABLE

3 or 6 button keypad layouts
Double gang keypads available
to order
Custom engraving available via
Rako's online Plate Designer tool:
rakocontrols.com/platedesigner

TYPES OF COMMUNICATION

Supports Wired & Wireless Systems

RAKOCONTROLS.COM/EOS-PLATE

SLEEK SIMPLICITY WITH A MODERN EDGE

Rako's EOS keypads are available as wired or wireless NFC (Near Field Communication). Built around an all metal screwless flush fascia design, this elegant range offers specifiers and end clients a clean uncluttered look for their projects with up to six configurable buttons offering scene, curtain/blind and audio control options.

EOS keypads are available in seven different finishes with three and six button layouts as standard and custom engraving available via Rako's Plate Designer tool.

Designed to be flush mounted into a UK, single gang back box, installation and set-up is simple using Rako's Rasoft Pro software and NFC for wireless keypads. Rako's wireless NFC keypads are battery powered which negates the need to run cabling to the keypad or backbox.

“The sleek, screwless design of the EOS keypad creates an attractive aesthetic with finishes to suit contemporary and traditional interiors.”

Paul Wafer, Managing Director, Rako Controls Ltd




KEYPAD FINISHES

EOS keypads are available as a screwless fixing with seven, hand finished metal surrounds.

RAKOCONTROLS.COM/FINISHES

Finish shown: Matt Bronze

Finishes replicated here are only an illustration of actual surround finishes.



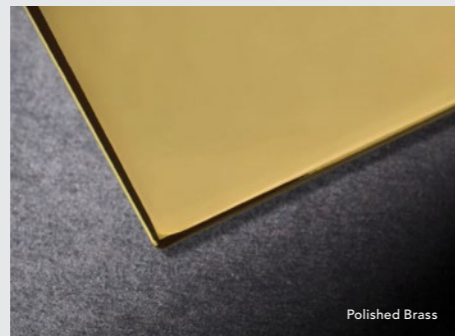
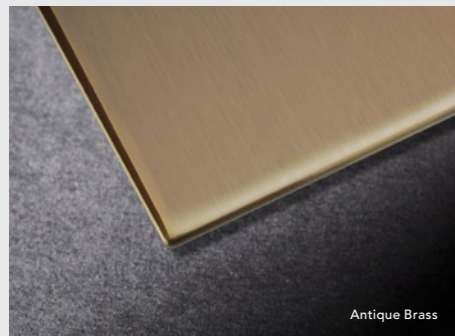
Finish shown: Matt Bronze

FULLY CUSTOMISABLE

You can create a series of customised EOS plates for your entire project using our online Plate Designer tool. You will get to choose:

- Wired or Wireless configuration
- Plate finish
- Number of buttons (3 or 6)
- Double gang keypads
- Custom etched buttons

RAKOCONTROLS.COM/PLATEDESIGNER



MATCHING ACCESSORIES

A range of Heritage Brass accessories are available to match EOS keypad finishes. These include:

- Plug sockets
- Door handles
- Bathroom accessories

For electrical sockets and accessories, select Heritage Brass 'Winchester range' on M-MARCUS.COM

Heritage Brass





CLASSIC KEYPAD

TECHNICAL OVERVIEW

DIMENSIONS

86 x 86 x 6mm
(in line with standard UK
electrical accessories)

FINISHES

8 standard Screwless finishes
5 standard Screw-fixing finishes
Custom finishes available to order

CUSTOMISABLE

Numerous button configurations
Custom engraving available via
Rako's online Plate Designer tool:
rakocontrols.com/plate designer

TYPES OF COMMUNICATION

Supports Wired & Wireless Systems

RAKOCONTROLS.COM/CLASSIC-PLATE



Finish shown: Chocolate Bronze

A TIMELESS DESIGN THAT SUITS ALL APPLICATIONS

Rako's classic keypads are available as wired, wireless or NFC. Whilst being a sophisticated control system, operational simplicity is key. To this end, numerous button layouts are available to make day-to-day use as clear and easy as possible. Users can choose from two to ten buttons on a single gang keypad, offering scene, curtain/blind and audio control options.

Classic keypads are available in eight luxury screwless metal finishes and five screw-fixing finishes, with custom button engraving achieved via Rako's Plate Designer tool.

Rako's Classic wireless or NFC keypads are battery powered which negates the need to run cabling to the keypad or backbox. This means that they can also be surface mounted when no back-box is available, or possible. Classic wireless keypads can be surface mounted using the RVF pattress mounting kit that comes with the screw-fixing cover plate kit. Screwless fixing cover plates are not suitable for surface mounting.

If a custom or third-party plate finish is specified, Rako also offer a plate punching service for Classic keypads.

Images shown: (Left) Three luxury smart homes, Canford Cliffs, Dorset. Image courtesy of Creative Rooms Ltd – CreativeRooms.com. (Right) Product shown is classic plate (WCM100) in Chocolate Bronze.

The wireless NFC (Near Field Communication) keypad is programmable via Rako's patented NFC technology, allowing each button to trigger single or multiple commands. NFC keypads are programmed with a laptop using Rako's Rasoft Pro software and a programming interface.

The Classic keypad has stood the test of time and remains a popular choice with installers and their clients.

RAKO APP

CONTROL EVERYTHING FROM ANYWHERE

The Rako app can control both wired and wireless Rako systems, allowing easy hand-held control of lighting, curtains and blinds. Connecting via a Rako Hub, the app allows programming and storing of new scene levels, colour wheel control for RGB and RGBW LED fittings, as well as colour temperature control.

Whether from the sofa or a sunlounger thousands of miles from home, connect to your Rako system and control lighting, curtains and blinds from the palm of your hand.



MAKING IT ALL POSSIBLE

The Rako Hub is the central control unit for all smart home devices. Its connection with the Rako Cloud service supports all the major branded smart home interfaces like Alexa, Siri and Google Home which means you can now operate your lights, blinds, and even water features through voice command.

RAKOCONTROLS.COM/THE-HUB

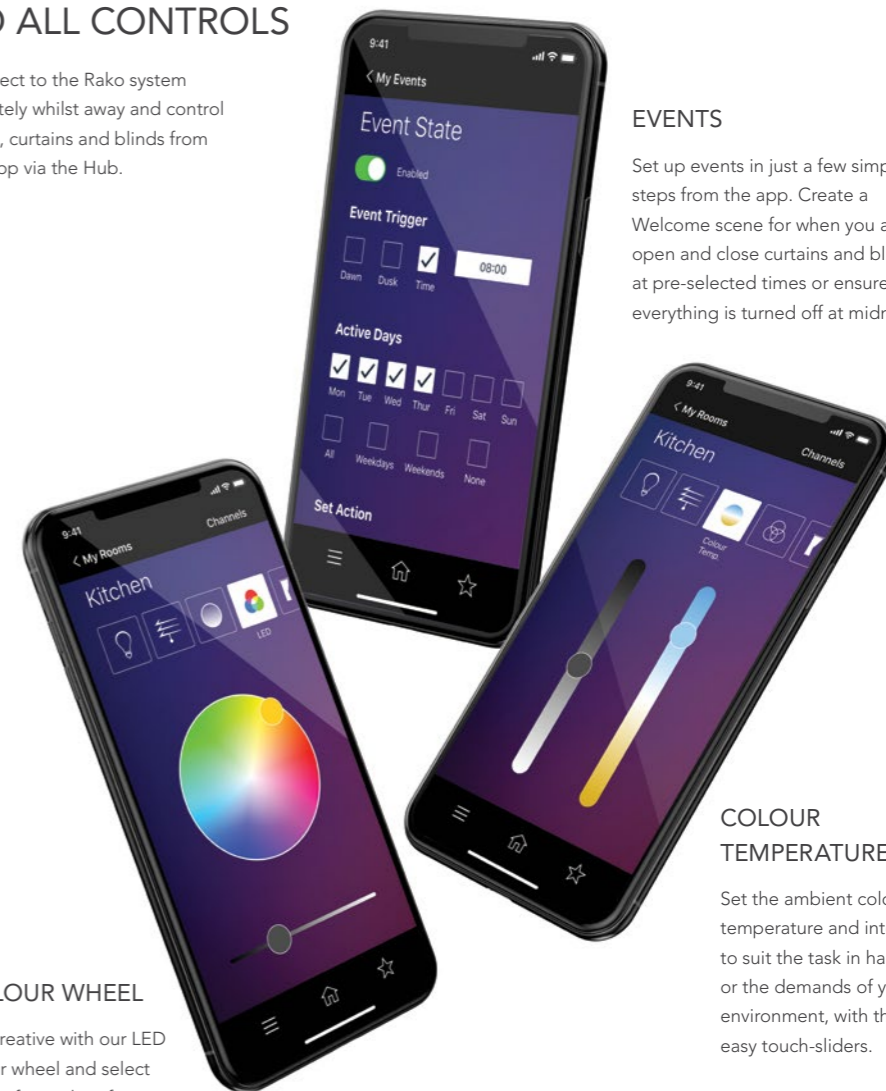


Scan this QR Code to find out more about the Hub



REMOTE ACCESS TO ALL CONTROLS

Connect to the Rako system remotely whilst away and control lights, curtains and blinds from the app via the Hub.



EVENTS

Set up events in just a few simple steps from the app. Create a Welcome scene for when you arrive, open and close curtains and blinds at pre-selected times or ensure everything is turned off at midnight.

COLOUR WHEEL

Get creative with our LED colour wheel and select the perfect colour for your application.

COLOUR TEMPERATURE

Set the ambient colour temperature and intensity to suit the task in hand or the demands of your environment, with these easy touch-sliders.



Search: Rako app

RAKOCONTROLS.COM/RAKO-APP

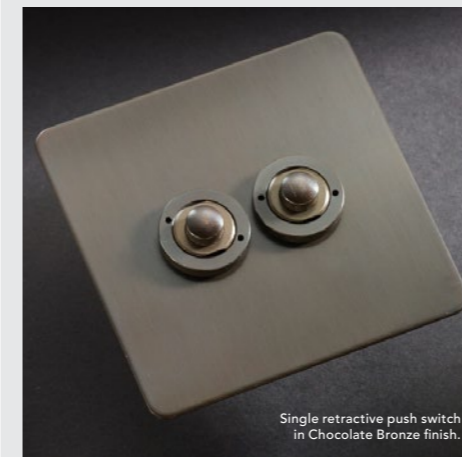
BESPOKE CONTROLS



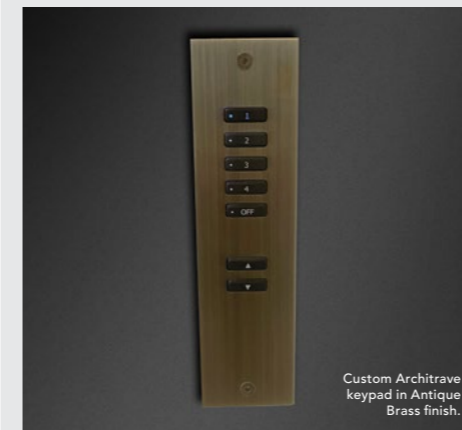
Left: Centre retractive toggle switch in Antique Brass finish. Right: Single retractive push switch in Chocolate Bronze finish. Switches from Focus SB



Double gang EOS keypad with custom engraved buttons in Matt Bronze finish.



Single retractive push switch in Chocolate Bronze finish.



Custom Architrave keypad in Antique Brass finish.

IT'S ALL ABOUT THE DETAILS

Rako keypads come in a wide range of options, to suit installation method, finish, style and fixing options.

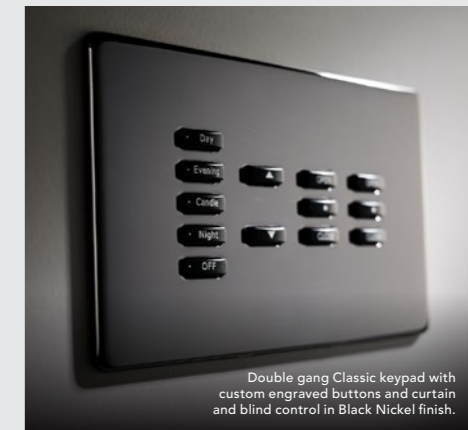
Double gang keypads can control two areas, clearly combine separate functionality (e.g. lighting and blinds) on a single plate, or can simply be used to blank an existing hole. Double gang plates are available for EOS and Classic keypads and are suitable for flush mounting only.

When the customer simply must have the exact switch and finish they want, even if it's not a Rako option, Rako's RCI (for wireless) or WCM-D (for wired) contact interfaces allow them to control the Rako system from conventional styled light switches. This means that accessories from any switch plate manufacturer can be used to link into a Rako wireless or wired control system, ensuring that all electrical accessories match.

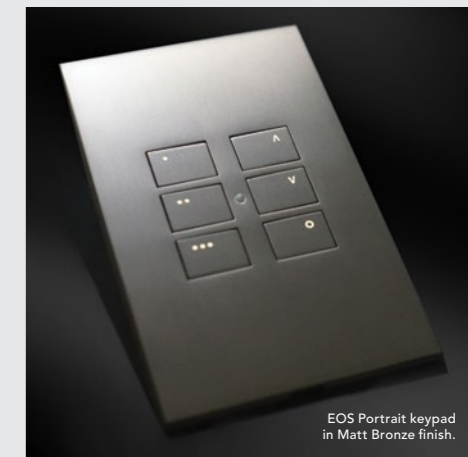
The RCI4L, RCI7M and WCM-D switch interfaces allow the use of standard latching or momentary action switches*. Whilst the volt free interface simplifies the control method, the full extent of a Rako system, such as more scenes can be accessed via the Rako app.

Contact us for help and advice on bespoke keypad options.

*Conventional styled light switches available from third-party suppliers.



Double gang Classic keypad with custom engraved buttons and curtain and blind control in Black Nickel finish.



EOS Portrait keypad in Matt Bronze finish.



Double gang Classic keypad in Satin Chrome finish.

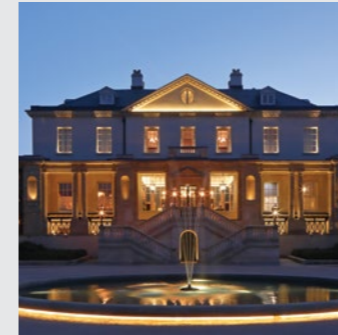
INSPIRATION & CASE STUDIES

Rako's specifiers and installers create projects to be proud of and here we highlight their successes.

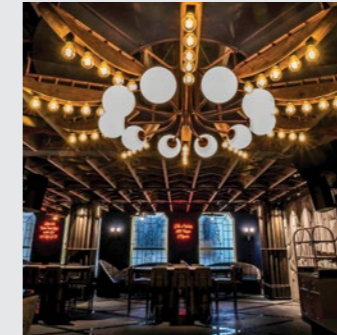
On the following pages we showcase some exemplary examples of creative lighting design alongside intelligent application of our lighting control products.



View more inspiration on our website:
RAKOCONTROLS.COM/CASE-STUDIES



HOSPITALITY - HOTELS
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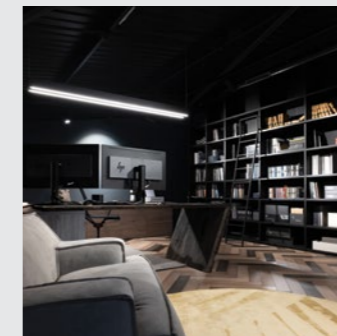
HOSPITALITY - BARS
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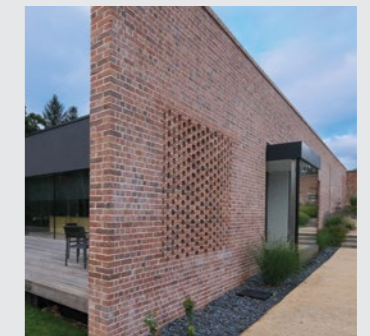
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HISTORIC - CONVERSION
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COMMERCIAL - SHOWROOM
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RESIDENTIAL - NEW BUILD
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Images courtesy of James Balston
 Photography – jamesbalston.com and
 dpa lighting consultants – dpalighting.com.



THE LANGLEY, BUCKINGHAMSHIRE, UK

A luxury country manor hotel situated in a former royal hunting ground with landscaping originally designed by Lancelot 'Capability' Brown. dpa lighting were commissioned with designing the lighting for all public front of house and guest areas as well as all external lighting to both the buildings and landscaping.

Rako's lighting control system was installed to provide comfort and convenience in the hotel bedrooms whilst enhancing luxury and ambience in the hotel spa and public areas. Bespoke keypad finishes were supplied to match third-party electrical accessories.





ZOBET GASTROPUB, KOLKATA, WEST BENGAL, INDIA

This project in the chic neighbourhood of Kolkata's Park Street has been designed with a stylish and bold interior, inspired by the art deco soul of Kolkata, infused with contemporary elements to create a luxury bar and restaurant. With a generous mix of plush and modern materials and a vibrant colour palette, the vivacious essence of Kolkata is brought to life through its design.

Rako was chosen as the perfect lighting control partner on this project due to its ability to provide smooth, reliable control of a wide range of light sources. Wireless keypads and the Rako app provided flexible and simple control for all users.

RAKOCONTROLS.COM/CASE-STUDIES



Images courtesy of Pryme Technologies – prymetech.co.in.

PROPERTY RENOVATION, IVER, BUCKINGHAMSHIRE

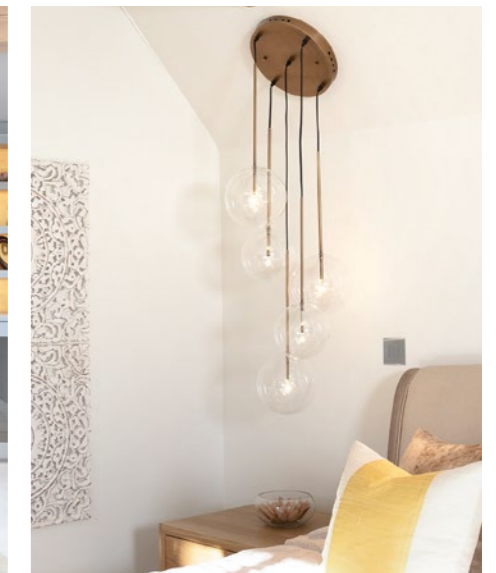
Built on four acres of land, this property has been completely renovated and is the perfect mix of old and new. Traditional wooden beams appear across the ceilings, installed next to crisp white walls and contemporary fixtures and fittings. The overall design has a calming quality, enhanced by the soft and unobtrusive lighting design.

A combination of Rako's wired and wireless products were installed across this project which meant that new and existing parts of the property, as well as the garden could be seamlessly controlled by Rako.

RAKOCNROLS.COM/CASE-STUDIES



Images courtesy of Noon Lighting
- noonlightingdesign.co.



Images courtesy of Dr. Robert W. Griffiths – ashfordmill.com.



ASHFORD MILL, ASHFORD IN THE WATER, PEAK DISTRICT

Dating back to before 1086, Ashford Mill is a Grade II listed building that rests on a tranquil riverbank in the picture-perfect village of Ashford in the Water. The property was purchased by its current owner in the late 1990s and took several years before planning permission was granted to restore the water mill and convert it into self-catering accommodation.

The impressive lighting design at this project highlights beautiful, historic and architectural features that are sympathetically enhanced by Rako's lighting control system.

RAKOCONTROLS.COM/CASE-STUDIES

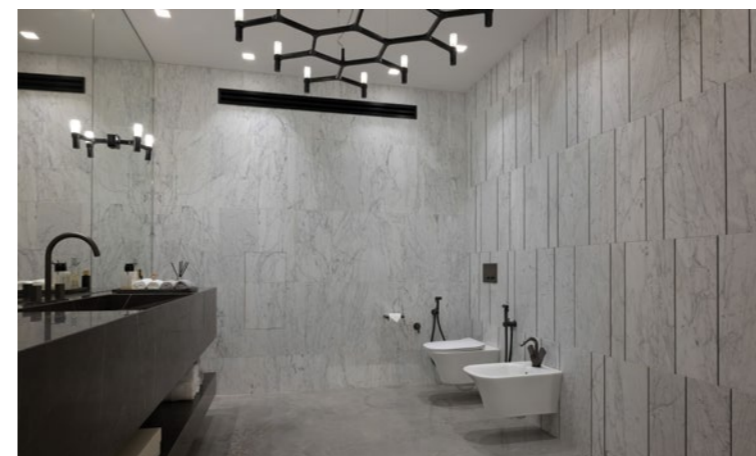




Images courtesy of vivocasa.com.

VIVO CASA, BAMBER BRIDGE, PRESTON, UK

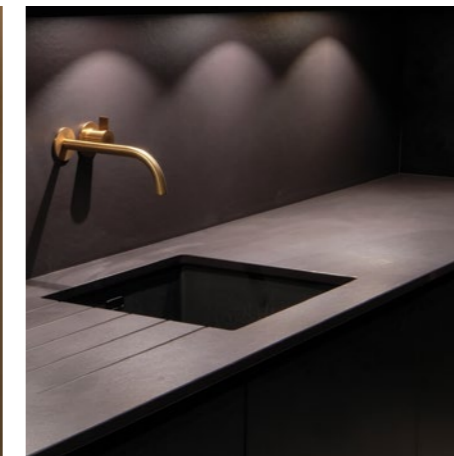
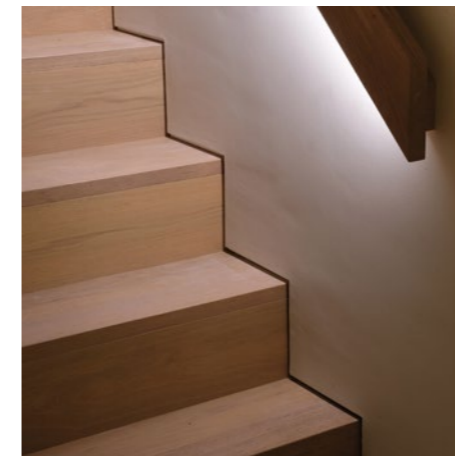
Testament to a long and successful partnership with boutique interior design firm, Vivo Casa, Rako's lighting control system was installed throughout the refurbished Bamber Bridge showroom.



Rako products have been installed across all elements of this showroom to demonstrate a range of applications and the associated benefits of using a Rako lighting control system in various settings.



Images courtesy of Nigel Dutt.



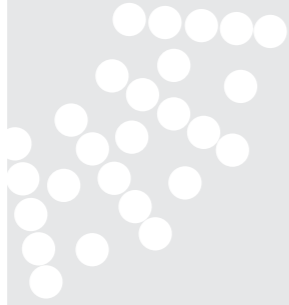
DEVON PASSIVHAUS, DEVON, UK

An old kitchen garden on a Georgian country house estate near Exeter in Devon has been totally transformed into a beautiful new home that hints to the past whilst being firmly of the present thanks in no small part to an innovative, contemporary lighting scheme controlled by Rako.

Flexibility, accessibility and control were key considerations for this project. Extensive property renovations meant a Rako wired system was an ideal solution whilst the client valued the flexibility of selecting a third-party fascia plate to complement the interior design.

RAKOCONTROLS.COM/CASE-STUDIES

SYSTEMS



Rako's flexible control system means that there is a solution for every project scenario. For new installations, the choice between wired and wireless solutions is something for consideration. A wired system has the advantage of backlit buttons for Classic and Modular keypads and light indicators for the EOS keypad range. All wired keypads use CAT 6 cabling for communication.

For a retro-fit solution the wireless option is obvious, cabling will already be in place, so being able to put wireless modules where the cables can be accessed, such as behind downlights, and the lack of data cabling to keypad positions will dictate a wireless solution. For projects that evolve and grow over time, combining wired and wireless solutions is simple with the Rako system.



WIRED
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WIRELESS
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COMBINED
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**THIRD-PARTY
INTEGRATION**
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WIRED



Images shown: Host, St.Ives, Cornwall, UK.
 Images courtesy of Host St.Ives – hoststives.co.uk.

The Rako wired system is the option for customers who prefer a cabled network. It offers LED backlit buttons with the option for custom etching and ultimately can cope with the largest of projects.

Using CAT6 cabling, system components are wired either as a daisy chain network or star arrangement using the RAK-STAR box.

Circuits are wired back to RAK8s with plugable insert cards. The RAK8s can be housed in a single location or across multiple locations on the project, linked together on the Rako wired network.

RAK8 insert card options available for trailing edge dimming, ideal for LEDs as well as 0-10V, DALI, colour temperature, curtain and blind control or switch options. Colour changing is achieved with DMX or WLED modules.



A WIRED SYSTEM IS A PERFECT SOLUTION FOR NEW BUILDS AND PROVIDES UNLIMITED SYSTEM RANGE ACROSS A LARGE AREA.



User controls, including keypads, PIRs and system interfaces are added to the network and programmed from a PC or Mac connected via Wi-Fi to a Hub unit. Adding a WK-Hub to the system gives access to timed events, 'Holiday Mode', dawn/dusk programming and advanced macros and mapping features. End users can then program scenes for events such as breakfast, lunch and dinner from the Rako app, providing total user control.



WIRED SYSTEMS USE DEDICATED DATA CABLING TO CONNECT THE SYSTEM ELEMENTS WITH CENTRALISED RAKS IN ONE OR MORE LOCATIONS, OFFERING ADDITIONAL FEATURES INCLUDING BACKLIT LED KEYPADS

Where existing 4 core data cable has been installed this can be used in place of CAT 6. NB. Not suitable for installations using a RAK-STAR.

All Images shown: (This page) Devon Passivhaus, Devon. Image courtesy of Nigel Dutt. (Right-hand page) Private residence, Oxfordshire. Image courtesy of dpa lighting consultants – dpalighting.com and Matt Livey – mattlivey.com.



HUB (WK-HUB)



RAK (RAK8-MB)
UP TO 8 CIRCUITS PER RAK



RAK-LINK



EOS KEYPAD
(RK-EOS-6)



EOS KEYPAD
(WK-EOS-6)



WIRELESS DIMMER
(RMT500)





DOWNLIGHTS

DOWNLIGHTS

LED STRIP

PENDANTS

DOWNLIGHTS

DOWNLIGHTS

CURTAINS

ROUTER

CAT6 CABLE

CAT6 CABLE



SOCKET



WIRELESS

Rako's wireless system provides all the benefits of a sophisticated lighting control system without the need to re-wire and can be used in both new and retro-fit installations.

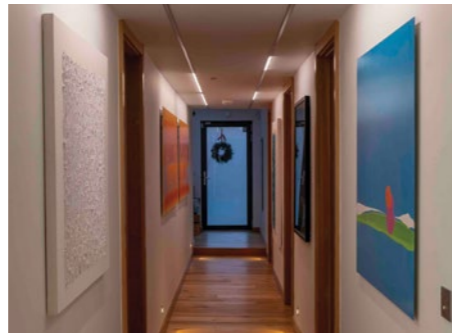
The wireless capability provides the most cost effective and simple to install solution saving on cabling and re-decoration. Wireless systems can use either individual modules or Rako's RAK system with the RxLink wireless interface.

Modules wire in-line with each lighting circuit and can be mounted either in the ceiling or in a central cupboard. Split lighting into circuits to allow independent control and provide the ability to highlight different areas and features within a room.



THE WIRELESS CAPABILITY PROVIDES THE MOST COST EFFECTIVE AND SIMPLE TO INSTALL SOLUTION

Wireless keypads can be flush mounted into a standard back-box and Rako's Classic keypads can be surface mounted too. Wireless keypads require no cabling at all, as they communicate wirelessly with the receiver modules.

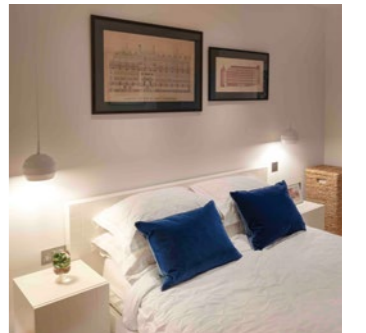


Modules are available to suit all types of load from incandescent, low voltage and fluorescent to the latest generation of LEDs. Systems can be as small as one circuit and one keypad up to whole home installations with master house controllers and full system integration. Signal repeaters make wireless practical for the largest of projects.



Images shown from a private residential property in Dulwich, London Images courtesy of NoonLighting – noonlightingdesign.co.

Simple connection of the Rako RK-Hub to a wireless router provides programming access via Wi-Fi and allows control from the Rako app, giving access to both scene and individual channel control.



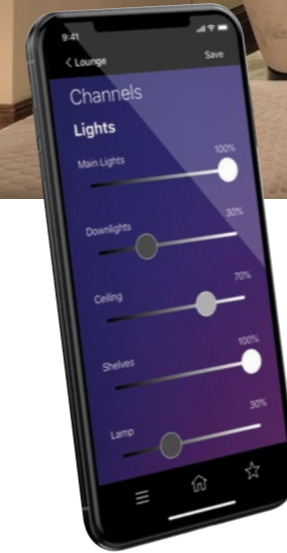


THE IDEAL SYSTEM TO ADAPT TO YOUR NEEDS

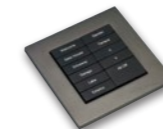
Wireless systems make the installation of a lighting control system possible in projects where the option of dedicated cabling is not feasible. Rako's Wireless system is designed so that the dimmer modules can be fitted into a standard domestic wiring scenario.

Rako uses 433MHZ radio communication giving much better transmission distances than higher frequency signalling such as WiFi.

All Images shown: (This page) Zobet Gastropub, Kolkata, West Bengal, India. Image courtesy of Pryme Technologies - prymetech.co.in. (Opposite page) 1.61 London. Image courtesy of 1.61 London - 161london.com.



RAKO APP CONTROL



MODULAR KEYPAD (RK-MOD-110)



HUB (RK-HUB)



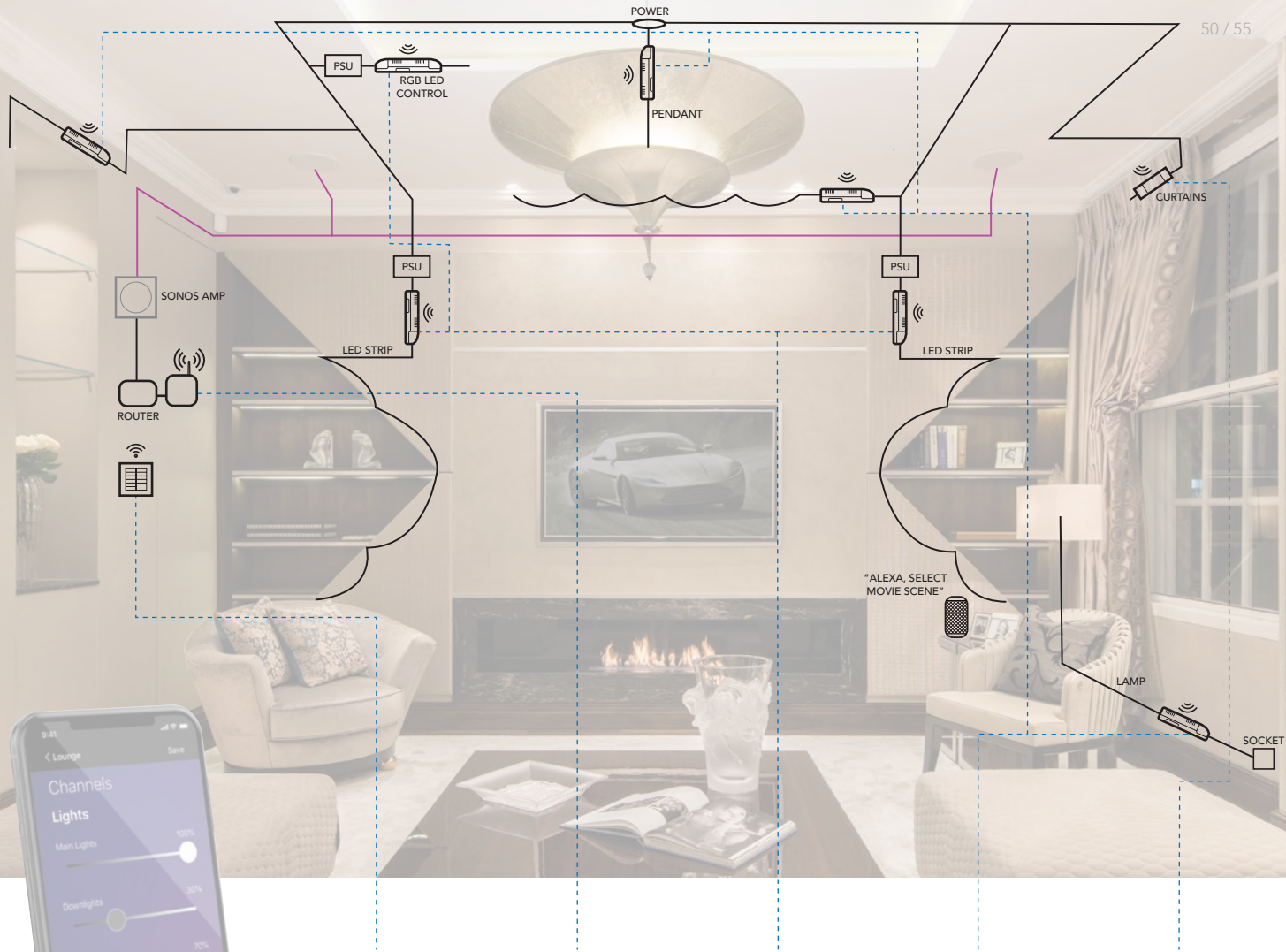
LED STRIP MODULE (RLED75CV1/ RLED30CV4)



WIRELESS DIMMER (RMT500)



CURTAIN & BLIND MODULE (RACUB)



RAKO APP CONTROL



MODULAR KEYPAD (RK-MOD-110)



HUB (RK-HUB)



LED STRIP MODULE (RLED75CV1/ RLED30CV4)

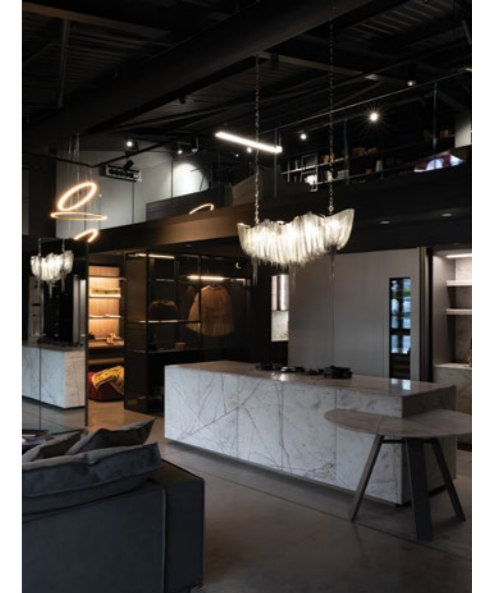


WIRELESS DIMMER (RMT500)



CURTAIN & BLIND MODULE (RACUB)

COMBINED



The ability to combine Rako wireless and wired systems provides a unique solution for installers and end-users alike. This amazing flexibility gives a remarkable choice in installation methods allowing the creation of a network of components that interact and work seamlessly together.

Projects started as completely wired systems have the fall-back position that the addition of wireless modules and keypads allows, giving the 'get out of jail free card' for when the job doesn't quite go to plan, or when system expansion is required, after cabling is complete. Some projects may just suit the combined approach such as where a new build or extension is added to an existing building and a lighting control system is required in both parts.

WHETHER THE PROJECT IS A RENOVATION, NEW BUILD, SYSTEM EXPANSION OR ADDING NEW TECHNOLOGY, A COMBINED SYSTEM CAN EVOLVE OVER TIME.

The Rako WK-Hub used to combine the wireless and wired systems also allows complete control from a smartphone or tablet and can provide remote access to the network from a PC or Mac.

The whole palette of Rako products and the ability to 'combine' allows project designers to plan the best possible solution for any project.

Images shown: (From Left to Right) Property Renovation, Iver, Buckinghamshire. The Langley, Buckinghamshire, UK. Reams Cottage, UK. Vivo Casa, Bamber Bridge, Preston, UK.

THIRD-PARTY INTEGRATION



Image shown: Sonos System Integration in a private residential home.

THIRD-PARTY SYSTEMS

Rako's system interfaces allow communication with almost all BMS, GMS and home automation controllers on the market, as well as interfacing with providers of luxury window treatments. You can control automated curtains and blinds, audio systems like Sonos and integrate with audio visual controllers, security, heating systems or multi-room audio using either IP, RS232 or simple volt free switch contacts.

Most third-party system integration is achieved using IP control with Rako Hubs linking to the ethernet allowing system communication. Third-party systems have dedicated Rako drivers available making implementation simple and straightforward. The use of custom strings via TCP, UDP or HTTP is also possible through the Hub.

CONTROL
MUSIC, BLINDS,
CURTAINS AND
OTHER DEVICES
THROUGH YOUR
RAKO SYSTEM

INTEGRATION PARTNERS INCLUDE:

black nova

Bluos®

bodhi

Control4®

CRESTRON®

ELAN®
a Nice brand

Qmotion®uk
advanced shading systems

rithum

RTI

SilentGliss

SONOS

UIC®



Images shown: (This page and opposite) Silent Gliss curtain and blind integration in private residential properties. Images courtesy of Silent Gliss – silentgliss.co.uk.

CURTAIN AND BLIND CONTROL

An important consideration of lighting design is the control of natural light with the use of automated curtains and blinds. Rako's RK and WK Hub units have native control of Silent Gliss and QMotion shading solutions as well as being able to control most third-party curtain and blind systems over IP or volt free contacts, for integration with both wired and wireless systems.



PRODUCTS

Not only does lighting have many different control requirements but the installation requirements of projects vary greatly too. Rako provides modules and centralised RAK solutions for all types of lighting currently available, catering especially for the confusing needs of modern LED lamp types.

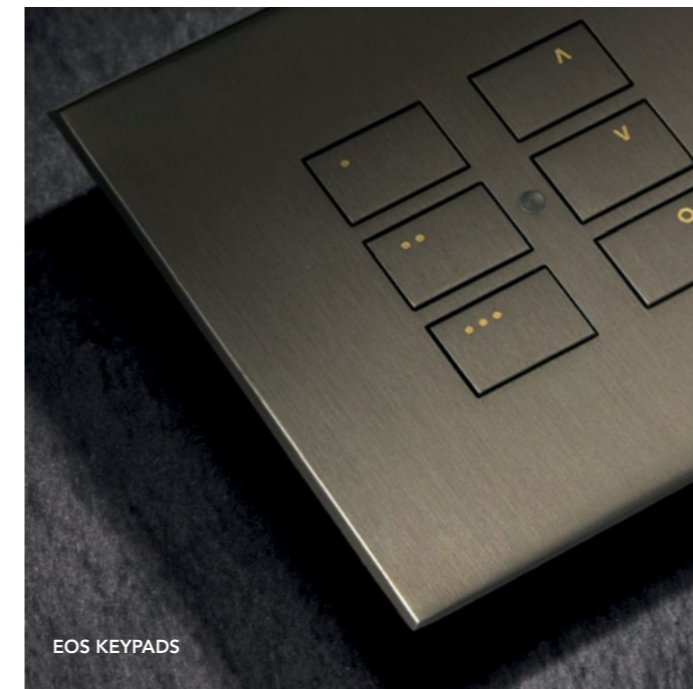
USER INTERFACES

Rako keypads come in a wide range of options, to suit installation method, finish, style and fixing options.

- All keypads are available for wired and wireless applications
- Multiple button layouts available as standard
- Available in a range of luxury metal finishes
- Custom button engraving available to order



MODULAR KEYPADS



EOS KEYPADS



CLASSIC KEYPADS

PRODUCTS

DIMMER MODULES & RAKS

RAKS

Stackable RAKs provide a neat solution for centralised mounting for either wired or wireless control with plug in insert cards available to suit all load types:

- Leading Edge
- Trailing Edge
- Switching
- 1-10v
- DALI
- Curtain & Blind Control



RAK8-MB

DIMMER MODULES

Rako provides modules to suit all load types:

- Mains dimming
- Leading & Trailing Edge
- Constant Current & Constant Voltage LEDs
- RGBW & Colour Temperature Control
- Switch only
- 1-10, DALI
- DMX Control
- Curtain & Blind Control



RMT-PILL



RMT500



RDA800



RMT1200

THE HUB AND ACCESSORIES

THE HUB

The Rako Hub is the central control unit for all your smart home devices such as app control and voice activation. The Hub links wired and wireless Rako devices and also enables astronomic time clock events, automated macros and holiday mode.



WK-HUB

ACCESSORIES

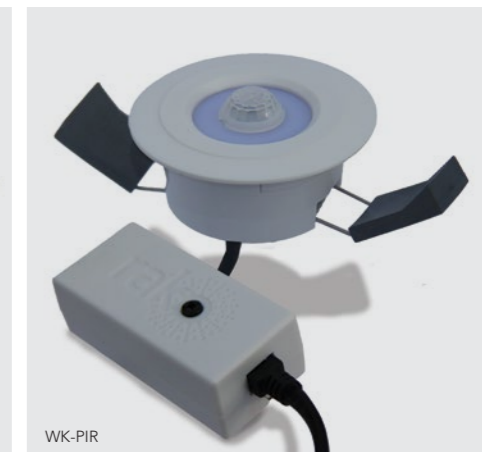
Our suite of accessories include: intelligent PIR control, volt free inputs, mains switched inputs and linking over IP



RCI-4L



RK-PIR



WK-PIR

For full product listing and more details on each item visit RAKOCONTROLS.COM/PRODUCTS

SALES, CUSTOMER SERVICE, TRAINING & TECHNICAL SUPPORT

Our team of Sales Managers are on hand to provide project planning support and assist with product specification. Rako's dealers, installers and specifiers can also be certain of consistent, reliable technical support and access to our training courses.

With customer service at our core, our approachable team are at the end of the phone to assist installers and specifiers with any query they may have.

Providing further peace of mind, Rako's wireless and wired products come with a three year return to base warranty.

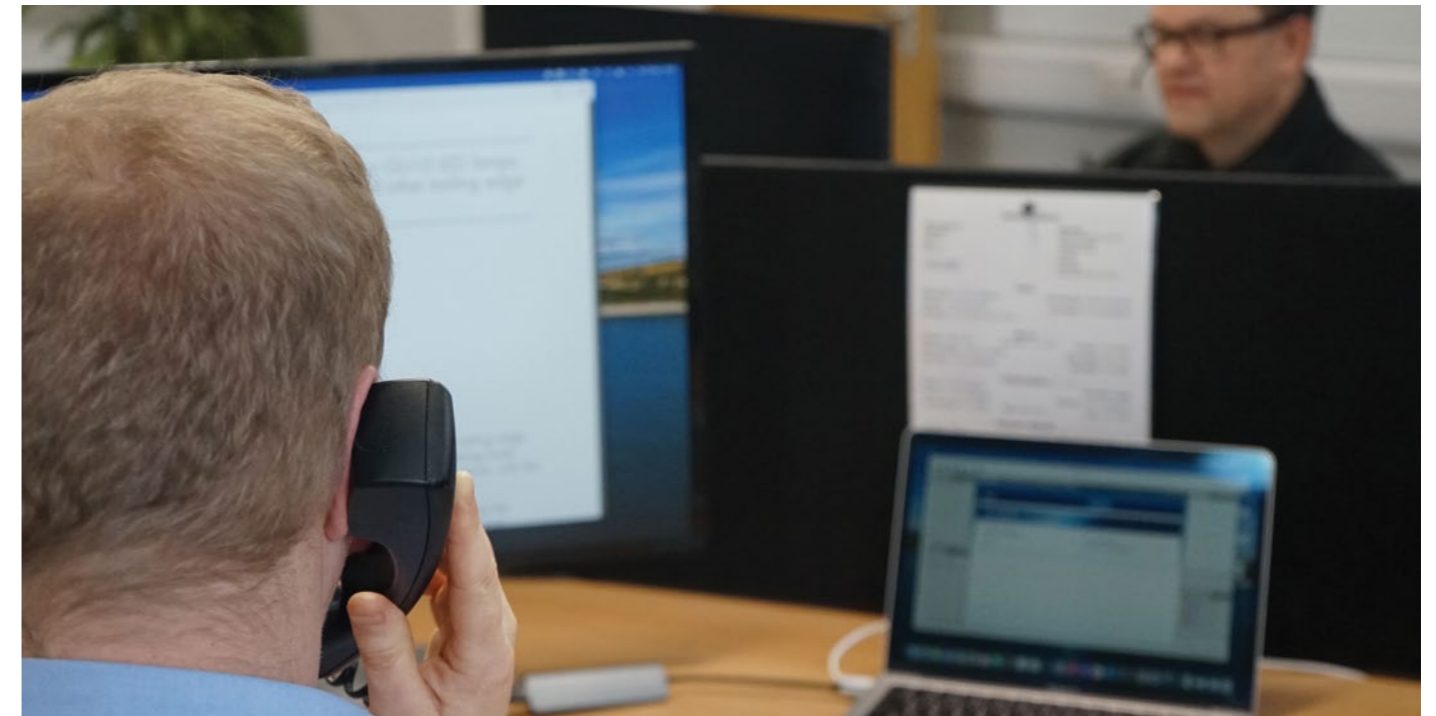


TRAINING

We believe that investing time and resources in our specifiers, dealers and installers is a great way to share knowledge and grow product awareness.

We are committed to investment in our training programme and demonstration facilities, and run introductory and software training courses several times a month for our dealers, installers and specifiers.

To find out more or book a course, contact TRAINING@RAKOCONTROLS.COM



TECHNICAL SUPPORT & CUSTOMER SERVICE

Providing excellent customer service has always been at the centre of everything we do at Rako and our experienced team of Technical Support and Commissioning Engineers are on hand to assist with telephone, virtual and onsite* technical support 8:30am - 17:00, Monday to Friday.

+44 (0)1634 226 666
SUPPORT@RAKOCONTROLS.COM

OUR SUPPORT CENTRE

The support centre on our website is full of useful information from application sheets, datasheets, installation manuals and advanced programming guides to videos on how to set up a Rako system.

RAKOCONTROLS.COM/SUPPORT

“We are proud of our customer support. Our team of Technical Support and Commissioning Engineers are always willing to help.”

Paul Wafer, Managing Director, Rako Controls Ltd

*onsite support is a chargeable service

SUSTAINABILITY

At Rako we are continually trying to improve our products and processes to be more sustainable. Here are some things we are currently doing to support this pledge:



MADE IN BRITAIN

We are proud to manufacture our products in the UK, reducing the need to source and move components across the globe, ultimately reducing our carbon footprint.



RENEWABLE ENERGY

By spring 2023, solar panels will be installed across our offices and manufacturing facility increasing our use of green energy.



PACKAGING

We have removed polystyrene chips, bubble wrap and plastic tape from our consignment packaging and replaced them with recycled paper alternatives. We are also phasing out printed instruction manuals and now print a QR code on the inside of product boxes with digital links to manuals available online, reducing unnecessary use of paper.



CYCLE-TO-WORK SCHEME

Rako offers a Cycle-to-Work scheme which encourages and supports employees within cycling commuting distance not to use cars.



WARRANTY

All Rako products come with a three year return to base warranty.



ELECTRIC VEHICLES & CHARGING

79% of our company leased vehicles are either fully electric or hybrid, decreasing our fuel consumption, with three PEV (plug-in electric vehicle) charge points available on-site.



REPAIR SERVICE

Rako's product repair service means that where possible, units can be economically repaired rather than replaced, extending the life of units and reducing wastage. New products are also backwards compatible which means they can be added to an existing installation without the need to replace previously installed Rako products.



RAKOCONTROLS.COM

RAKO CONTROLS LTD, KNIGHT ROAD, ROCHESTER, KENT, ME2 2AH

T: 01634 226666

sales@rakocontrols.com